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Roland® BOSS®

NEW PRODUCT CATALOG



2006 VOL.1

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Cutting-Edge Features with a Friendly Face

Look familiar? True to its heritage, the new JUNO-G is affordable and user-friendly. But that's where the comparisons to yesteryear end. This modern marvel packs a studio's worth of sound, sequencing, and audio recording into one amazing instrument. Sharing the same high-quality processor with Roland's famous Fantom-X series, the JUNO-G puts a world of first-class sound under your fingertips — and allows you to add more sounds via SRX expansion. Create songs with the onboard 16-part sequencer, and add four audio tracks on top, all for an incredibly low price!



* Actual product appearance may be subject to change.

- Stunning "Fantom-X-quality" sound engine, 128-voice polyphony
- Audio/MIDI multitrack recorder with dedicated transport controls and mixer
- SRX slot for expanding the internal sounds
- Large, friendly display and front-panel controls
- Arpeggiator, Chord Memory, Rhythm Pattern, and multi-effects built in
- USB port for MIDI communication, AIFF/WAV file exchange, and data transfer
- PC Card slot (which accepts CompactFlash or SmartMedia cards via adapter)
- Cakewalk SONAR LE software CD-ROM bundled
- Invisible infrared D Beam controller

Great Sounds

Roland's Fantom-X series is a grand-slam hit around the globe. The Fantom's high-quality sound engine is a key factor in its success. The JUNO-G shares the same processor as the Fantom-X, and thus delivers the finest sounds on the market — including newly created sounds for the JUNO-G, and a wide range of sounds that span from classical to cutting-edge. You can further expand your JUNO-G with one of Roland's SRX expansion boards (optional).

Audio/MIDI Recorder Onboard

For songwriters and performers, the 16-part MIDI sequencer onboard the JUNO-G is a must. But the addition of four companion audio tracks is a huge bonus, and an unexpected surprise for an instrument in this price range! Now you can lay down the perfect backing tracks plus vocals, live guitar parts, or you name it. The dedicated front-panel transport controls and mixer make the recording experience all the more friendly.

Inviting Interface

For an instrument packed with so many features, the JUNO-G offers unprecedented ease of use. The aforementioned mixer and transport controls are only part of the JUNO-G's friendly "hands-on" work surface. It has clearly labeled buttons, six knobs to modify sounds, five sliders for the audio section, a data wheel, a D Beam, and a pitch/mod lever. In the center of it all is the largest backlit LCD of any synth in this price range.

Computer Friendly

The beauty of the JUNO-G is that it can be used to by itself create complete songs from start to finish, but for those who want to take it one step further and incorporate a computer into the setup, the JUNO-G can be linked to a PC or Mac via its USB port. All MIDI communications can be handled over USB; you can also send and receive AIFF/WAV files and patch data via included librarian software. Plus you can edit your patches with the editor software that is included. As an extra computer-related bonus, Roland ships every new JUNO-G with a copy of Cakewalk's SONAR LE software for PC.



JUNO-G Specifications

■ **Keyboard** 61 keys (velocity sensitive) ■ **Sound Generator Section** ■ **Maximum Polyphony** 128 voices (shared with audio track section) ■ **Parts** 16 parts ■ **Wave Memory** 64 M bytes (16-bit linear equivalent) ■ **Preset Memory** Patches: 768 + 256 (GM2), Rhythm Sets: 36 + 9 (GM2), Performances: 64 ■ **User Memory** Patches: 256, Rhythm Sets: 36, Performances: 64 ■ **Effects** Multi-Effects: 3 systems, 78 types, Reverb: 5 types, Chorus: 3 types, Mastering Effects: 3-band compressor, Input Effects: 6 types ■ **Song Recorder Section** ■ **Tracks** MIDI tracks: 16, Audio tracks: 4 stereo tracks ■ **Song Length** 9,998 measures ■ **Tempo** 5-300 ■ **MIDI Track Resolution** 480 TPQN, Note Capacity: approx. 400,000 notes, Recording Method: Realtime recording, Step recording ■ **Audio Track Data Format** 16-bit linear, Sample Rate: 44.1 kHz, Recording Time: memory not expanded (4 M bytes): approx. stereo 23.5 seconds, memory fully expanded (512 M bytes): approx. stereo 51 minutes ■ **Others** ■ **Arpeggio** Preset: 128, User: 128 ■ **Rhythms Pattern** Preset: 256 (32 groups), User: 256 (32 groups) ■ **Chord Memory** Preset: 64, User: 64

■ **Controllers** D Beam Controller, Pitch Bend/Modulation Lever, Sound Modify Knob x 6 ■ **Display** 240 x 96 dots graphic LCD (with backlit) ■ **Expansion Slot** SRX expansion board: 1 slot, DIMM: 1 slot (memory expansion for audio recording) ■ **External Storage Device** PC Card: 1 slot (supports SmartMedia and CompactFlash using a PC card adaptor) ■ **Connectors** Headphone Jack, Output Jacks (L/MONO, R): 1/4 inch phone type, Input Jacks (L/MONO/MIC, R): 1/4 inch phone type, MIDI Connectors (IN, OUT), Hold Pedal Jack, Control Pedal Jack, USB Connector (supports file transfer and MIDI) ■ **Power Supply** DC 9 V (AC Adaptor) ■ **Current Draw** 2,000 mA ■ **Dimensions** 1022.8 (W) x 298.4 (D) x 101.6 (H) mm, 40-5/16 (W) x 11-3/4 (D) x 4 (H) inches ■ **Weight** 6.2 kg / 13 lbs 11 oz (excluding AC Adaptor) ■ **Accessories** Owner's Manual, CD-ROM (Editor/Librarian/USB MIDI driver, SONAR LE), AC Adaptor (PSB-1U) ■ **Options** Wave Expansion Board: SRX Series, Keyboard Stand: KS-12, KS-V7, Pedal Switch: DP-2, DP-8, Foot Switch: BOSS FS-5U, Expression Pedal: EV-5

* The specifications are subject to change without notice.

SRX-12

Classic EPs SRX Expansion Board

Roland®

Roland's Finest EP & Clav Collection

If the current crop of R&B and hip-hop music is any indication, classic electric pianos and Clavs are hotter now than ever — and let's not forget the many other genres that rely on these essential vintage instruments. Introducing the SRX-12: the finest sound library of coveted EPs and Clavs to bear the Roland logo! It can be installed in any SRX-compatible Roland instrument (Compatibility list on the next page), but Fantom-X6/X7/X8 owners are in for an extra special treat with this collection, as you're about to read.



- Roland's finest EP/Clav sounds ever!
- Every note of electric pianos sampled with multi-tone velocity switching
- Sounds from all of Clav's pickup settings are included
- Bonus Piano-Mode functionality for Fantom-X6/X7/X8

Amazingly Authentic

Prepare yourself for the most meticulously sampled EPs and Clavs you've ever laid fingers on. Recorded in high-definition with the finest microphones and converters, and with every note of electric pianos precisely sampled at multiple velocities, and every pickup settings of clav painstakingly sampled, the SRX-12, simply, has no equal. The audio detail and programming expertise that went into this collection adds up to a stunningly authentic sound with incredible expression and playability.

Fantom-X Advantage

One of the Fantom-X6/X7/X8's handiest features is its Piano Mode. No matter where you are within the Fantom's operating system, a single touch of the dedicated Piano Mode button will bring a stunning grand piano and its associated parameters to the surface. With the SRX-12 installed in a Fantom-X, you can take advantage of the included updater disc, which will add extra pages to the Piano Mode that allow you to select and graphically edit the EPs and Clavs quickly and easily. While these special Piano Mode features are only available to Fantom-X6/7/8 users, the SRX-12 can be used with any SRX-compatible instrument.

SRX Compatibility

All SRX-series expansion boards, including the SRX-12, are compatible with the following:

- Fantom-X6/X7/X8/XR/Xa
- JUNO-G
- RD-700/700SX
- VR-760 V-Combo
- G-70
- MC-909
- Rodgers MX-200
- Fantom-S/S88*
- Fantom (FA-76)
- XV-5080/5050/3080/2020/88

*Version 1.06 and higher



Fantom-X6/X7/X8 Special Upgrade



SRX-01
Dynamic Drum Kits
Contains high-quality drums spanning vintage kits to modern sounds



SRX-02
Concert Piano
The classical sound characteristic of this elegant grand piano is faithfully reproduced



SRX-03
Studio SRX
A wide range of studio-quality sounds, performed by top-notch musicians



SRX-04
Symphonique Strings
Uncompromising string sounds for use in all genres



SRX-05
Supreme Dance
A comprehensive collection that covers the latest dance music sounds



SRX-06
Complete Orchestra
A definitive edition of orchestral sounds that covers all string, wind and percussion instruments



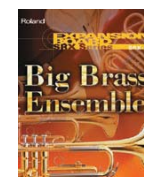
SRX-07
Ultimate Keys
SR-JV80 Collection Vol. 2
Packed with synthesizer and keyboard sounds, and a powerful rhythm section



SRX-08
Platinum Trax
SR-JV80 Collection Vol. 3
This title contains a wealth of rhythms and phrases essential to dance music producers.



SRX-09
World Collection
SR-JV80 Collection Vol. 4
A unique collection of ethnic instruments taken from all over the world



SRX-10
Big Brass Ensemble
The Definitive Brass Collection



SRX-11
Complete Piano
The ultra-wide dynamic range of this grand piano makes it ideal for contemporary music

SH-201

Synthesizer

Roland®

Put the Fun Back in Synthesis!

If you're new to synthesizers, meet the most friendly and fun analog-modeling instrument on the market: the Roland SH-201. If you're a synth pro, the SH-201 will remind you of why you fell in love with synthesizers in the first place. Simply, the SH-201 is a blast to play! It sounds great too, thanks to such features as Roland's famous Supersaw waveform, Feedback Oscillator, D Beam, and more. The SH-201 is also equipped with an external input, so you can manipulate your CDs, MP3s, or other external input devices and instruments.

USB



* Actual product appearance may be subject to change.

- Great-sounding analog-modeling synth
- Ultra-EZ front panel is logically designed to teach the basics of synthesis
- External input for manipulating external audio from CD/MP3 players, etc.
- Built-in delay, reverb, and overdrive effects
- Arpeggiator adds instant rhythmic motion to sounds
- USB port for audio/MIDI connection to computer
- VSTi Editor software included for computer integration
- Invisible infrared D Beam controller
- Short recorder onboard to capture and loop your performance and knob tweaking

Great Analog-Style Sound

Even though it's super fun and easy to use, the SH-201 is no toy when it comes to sound. With two beefy analog-modeling oscillators onboard, complete with Roland's famous Supersaw waveform and resonant filter, this little synth can blow down doors. It also comes with high-quality delay and reverb effects for adding depth and dimension to the sound, a saturation control for adding a rip-saw edge, and an arpeggiator for instant rhythmic motion.

Ultra-Easy Operation

This is synthesis at its friendliest. The SH-201's front panel puts every control directly under your fingertips in a logically positioned signal path from left to right. No hidden menus, no nonsense. Just play and move the knobs and sliders. It's as simple as that! Students of synthesis will love the ease and immediate gratification of the SH-201. No other modern synth on the market is as fun, friendly, and inviting.

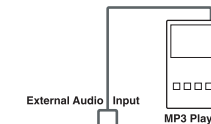


USB Connectivity

Connect the SH-201 to a computer (Mac or PC) with one simple USB cable. Send and receive MIDI and audio through the USB port. Take advantage of the VSTi editing software that's included with the SH-201 to manipulate sounds from your computer, and to save/organize patches remotely.

External Audio Input

Playing the SH-201 from its keyboard is only half the fun. Try plugging another audio source into its external input (such as CD/MP3-player and samplers) and twist the sound with the front-panel knobs and sliders. Wave your hands over the SH-201's invisible D Beam and drive the audience wild!



SH-201 Specifications

■ **Keyboard** 49 keys (velocity sensitive) ■ **Sound Generator Organization** Analog Modeling Sound Engine (One MIDI part), Two Tones per Patch (Upper and Lower), 2 Oscillators with MIX/MOD + 1 Filter + 1 Amp + 2 LFO + 3 Envelopers ■ **Patch Memory** Preset : 32, User: 32 ■ **OSC Section** Oscillator Waveform: SAW, SQUARE, PULSE/PWM, TRIANGLE, SINE, NOISE, FB OSC, Super SAW, EXT IN, Knobs: Pitch, Detune, PulseWidth/Feedback, Pitch Envelope: Attack, Decay ■ **MIX/MOD Section** Oscillator Sync, Ring Modulation, Low Boost/Low Cut, Knobs: Balance (OSC1/OSC2) ■ **FILTER Section** Filter Type: LPF, BPF, HPF (-12 dB/-24 dB), Knobs: Cutoff, Resonance, Key Follow, Envelope: Attack, Sustain, Decay, Release ■ **AMP section** Knob: Level, Insertion Effect: Overdrive, Envelope: Attack, Sustain, Decay, Release ■ **LFO Section** LFO Shape: TRIANGLE, SINE, SAW, SQUARE, TRAPEZOID, SAMPLE AND HOLD, RANDOM, Knobs: Rate,

Destination 1 Depth, Destination 2 Depth, Tempo Sync, ON/OFF ■ **Effects** Reverb, Modulation Delay ■ **Controllers** Pitch Bend/Modulation lever, D Beam Controller ■ **Arpeggiator** Pattern template: 32, Tempo: 20- 250 B.P.M. *Full programmable with PC editor software ■ **Recorder** Easy MIDI recorder, Number of Track: 1, Tempo: 20- 250 B.P.M. ■ **Jacks/Connectors** Output Jacks (L/MONO, R) (1/4 inch phone type), Headphones Jack, Input Jacks (L/R) (RCA pin type), MIDI Connectors (IN, OUT), USB Connector (AUDIO/MIDI), Pedal Jack, DC In Jack ■ **Power Supply** AC Adaptor (DC 9 V) ■ **Dimensions** 884 (W) x 354 (D) x 107 (H) mm, 34.13/16 (W) x 13.15/16 (D) x 4.1/4 (H) inches ■ **Weight** 5.2 kg / 11 lbs 8 oz (excluding AC Adaptor) ■ **Accessories** Owner's Manual, AC Adaptor (PSB-1U or ACI series), CD-ROM (USB Driver, Editor, Librarian) ■ **Options** Pedal Switch: DP series, Foot Switch: BOSS FS-5U, Expression Pedal: EV-5

* The specifications are subject to change without notice.

VP-550

Vocal & Ensemble Keyboard

Roland®

Add a “Vocal Keyboardist” to Your Stage or Studio

Let's face it... not every musician can afford to hire a choir for their gigs or recording sessions. Sometimes just finding a qualified background singer or two can be a chore. Dilemma solved with the VP-550 Vocal & Ensemble Keyboard. Much more than a traditional vocoder or harmonizer, the VP-550 uses Roland's breakthrough vocal-modeling technology to bring the highest-quality, interactive vocal sounds to a dedicated instrument. Connect a mic, select a sound, and play. You won't believe what can come out of this instrument: spectacular classical choirs, soulful gospel choirs, pop and jazz voices, male & female ensembles, vintage vocoder, and lush string/vocal hybrids. A great addition for lounge musicians playing at bars and hotels.



* Actual product appearance may be subject to change.

- Generate expressive, interactive backing vocals in real time
- Vocal Designer types: Classic, Male/Female, Gospel, Pop, Vocoder, Ext In
- Ensemble types: Strings 1, Strings 2, Jazz Scat, Mixed Chorus, Boy's Choir, Humming
- Play Vocal Designer and Ensemble sounds simultaneously
- Exceptionally user-friendly operation
- Built-in “Voice Check” recorder for handy vocal-model auditioning
- Invisible D Beam infrared controller for high-impact performance
- Ambience types: Hall 1, Hall 2, Studio

Vocal-Modeling Magic

The human voice is the most expressive musical instrument of all, so why not use it as a tool to create ultra-realistic and expressive “virtual vocals” with words generated from your own voice? Whether you need, a full choir, or surreal vocoder-like layers, the VP-550 can deliver the interactive, expressive vocal backing you need. The VP-550 is also equipped with world-class string sounds, which can be blended together with the vocal effects.



Practical Advantage

Not specific to one style of music, the VP-550 can be used for a wide variety of musical applications. It's ideal for musicians who perform alone or in small groups, for example, and who need an interactive, real-time backing chorus. Or, film and TV music composers who are challenged with time and budget can use the VP-550 to generate high-impact choral arrangements on the spot. Churches in need of a choir (or choir enhancer) will love the VP-550. The creative possibilities are vast, as are the time/money savings that this instrument can provide.



Blast From the Past

The VP-550 is equipped with ultra high-resolution vocoder modeling, which can be used to generate surreal vocal effects — great for electronica, pop, R&B, hip-hop, and the like. Inject a dose of that classic retro “robot voice” charm into your next recording without the hassle and expense of a separate vocoder.

Friendly Face

One look at the VP-550's inviting front panel and you'll know that this instrument has “user friendly” written all over it. There are no hidden menus or complicated key commands required. Every feature has a dedicated button or slider that's clearly labeled and easy to reach. Performers will especially love how inviting and inspiring the VP-550 is to use onstage.



VP-550 Specifications

■ Keyboard 49 keys (with velocity) ■ Tones Vocal Designer (6 tones): CLASSIC, MALE & FEMALE, GOSPEL, POP, VOCODER, EXT IN, Ensemble (6 tones): STRINGS1, STRINGS2, JAZZ SCAT, MIXED CHORUS, BOY'S CHOIR, HUMMING, Bass & Percussion (4 sets): BASS1, BASS2, BASS3, PERC ■ Ambience (3 types) HALL1, HALL2, STUDIO ■ Controllers D Beam Controller, Pitch Bend / Modulation Lever ■ Octave Shift ±1 Octave ■ Number of Registration memories 4 ■ Master Tune 415.3 Hz to 466.2 Hz ■ Sound Check Function Records OUTPUT signal for 10 seconds and plays it back. ■ Nominal Input Level

INPUT (MIC): TBD, INPUT (EXT IN): TBD ■ Connectors Headphones Jack, Output Jacks (L/MONO, R) (1/4 inch phone type), MIC Jack (XLR type), External Input Jack (1/4 inch phone type), MIDI Connectors (IN, OUT), Hold Pedal Jack, Expression Pedal Jack, AC Inlet ■ Power Supply AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz) ■ Dimensions 840 (W) x 370 (D) x 85 (H) mm, 33-1/8 (W) x 14-5/8 (D) x 3-3/8 (H) inches ■ Accessories Owner's Manual, Power Cord ■ Options Keyboard Stand: KS-12, Pedal Switch: DP-2/6/8, Foot Switch: BOSS FS-5U, Expression Pedal: EV-5, BOSS FV-300L, Microphone: DR Series

* The specifications are subject to change without notice.

Price-Defying Performance

Its price might say “low end,” but the E-09’s sounds and styles are nothing but first class. Building on the success of Roland’s popular E-series arrangers, the E-09 ushers in a brand-new look, feel, and sound for the family. With its new high-quality sound engine, pro-style appearance, and powerful specifications — including a newly designed library of sounds and interactive styles — the E-09 raises the quality standard for entry-level arrangers.



* Actual product appearance may be subject to change.

- Newly designed Musical Styles, including Western, Middle East, and Asian
- High-performance speaker system onboard
7.5 W + 7.5 W
- New high-quality sound engine; GM2 compliant
- 64-voice polyphony
- 800-plus tones, 70 drum kits
- 47 Multi-FX plus reverb and chorus
- 16-Track recorder with Easy Mode
- Friendly Music Assistants, One-Touch settings

International Appeal

With a global array of interactive musical accompaniments onboard, the E-09 puts a world of colorful and authentic music under your fingertips. Master programmers from around the world have created special Styles for the E-09, spotlighting the Western, Middle Eastern, and Asian cultures.

■ 130 Styles Included. Below are the World Styles.

	Name		Name		Name
Oriental	Vahde	Indonesia	Cmpsrari	Russia	Armenian
	Bayon		Minang		Povorot
	Roman_98		Popsunda		Kazak
	Funk-OR		Kromong		
	Wehda-Kb	India	Raja Bha	China	ChinaPop
	WehdaKb2		Dadra		JiangNan
	Masmoudi		Kehrv A		ChnOpera
	Dabkah-T		Bhangra		JingJu
	Saidi	Thailand	Bangla	Korea	Korean
	Saidi-EG		LookTung		K_tatin
	Progmks		RumWong		
	Disco-OR		Sam-Cha		

Low Profile, Big Sound

The E-09 introduces a new professional-grade industrial design to the E family. Its black metallic finish, coupled with a slim, streamlined chassis design, makes the E-09 eye catching and easy to transport. Despite its slim physique, the E-09 outputs an impressively big sound from its built-in stereo speaker system. You can enjoy playback three ways with the E-09: through headphones, through the built-in speakers, or through external amps and sounds systems via its line outputs.

16-Track Recorder

Music teachers and students will find the onboard 16-Track Recorder useful when learning how to play a song. You can record your performance with or without the arranger accompaniment, and students then can refer to the recording as a guide. Is the song or the teacher's performance too fast? Just slow down the tempo. Need to listen or practice the same section a couple of times? Use the marker/repeat function to specify a region to play repeatedly. Study and have fun with the E-09.



E-09 Specifications

■ Keyboard 61 keys (with velocity) ■ Sound Generator ■ Maximum Polyphony 64 voices ■ Parts 16 parts + Keyboard part ■ Wave Memory 32 M bytes (16-bit linear equivalent) ■ Tones Tones: 614 + 256 (GM2), Drum Sets: 61 + 9 (GM2) ■ Effects Multi-FX: 47 types, Reverb: 8 types, Chorus: 8 types ■ Transpose -12 to +12 (in semitones) ■ Arranger ■ Tempo 20 to 250 ■ Styles 130 Styles ■ Band Orchestrator 3 types: Drum & Bass, Combo, Full Band ■ User Program 100 program ■ One Touch Setting 2 setting / style ■ Control start/stop, sync start, into original, fill in, variation, ending, tap tempo, Melody Intelligence: 18 types, Music Assistant: 130 types ■ Metronome ■ Signature 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 6/8, 9/8 ■ Song Controls ■ Tracks 16 ■ 16-track Recorder Mode 4 easy modes (ALL, Keyboard, Single, Punch In/Out) ■ Control

start/stop, recording, reset, rewind, forward, marker A-B, repeat A-B ■ Others ■ Rated Power Output 7.5 W + 7.5 W ■ Speaker Dimension 10cm ■ Controllers Pitch Bend/Modulation Lever: 1 ■ Display Large backlit custom LCD ■ Connectors Output Jacks (L/MONO, R), Headphones Jack 1/2, MIDI Connectors (IN, OUT), Foot Switch Jack ■ Power Supply DC 9 V (AC Adaptor) ■ Current Draw 2,000 mA ■ Dimensions 1045 (W) x 320 (D) x 128 (H) mm, 41-3/16 (W) x 12-5/8 (D) x 5-1/16 (H) inches ■ Weight 7.3 kg / 16 lbs 2 oz (excluding AC adaptor) ■ Accessories Music rest, Owner's Manual, AC Adaptor (PSB-1U) ■ Options Keyboard Stand: KS-12, Pedal Switch: DP Series, Foot Switch: BOSS FS-5U

* The specifications are subject to change without notice.

MC-808

Sampling Groovebox

Roland®

New-Generation Groovebox with Motorized Faders

From the company that made “groovebox” a household name comes a remarkable addition to the famous Roland groovebox family: the MC-808. Optimized for realtime performance, The sleek, silver powerstation features eight motorized faders on its surface — a groovebox first! With Roland's most sophisticated processor at its core, the MC-808 has top-of-the-line sampling, sequencing, and synthesizer functions, yet it comes in at a new, low price point. For beat-makers, producers, remixers, live performers, and DJs, no sampling groovebox offers more bang for the buck than the MC-808.

V-LINK

USB



* Actual product appearance may be subject to change.

- 128-voice polyphony synthesizer engine
- 8 motorized faders — a groovebox first!
- Brand new sounds and patterns
- Powerful sampling & sequencing features
- Editor software included (PC/Mac) for editing samples, patches, and parts
- CompactFlash slot for memory backup
- USB for MIDI and storage to import and export AIF/WAV file
- 16-step pad bank, D Beam controller

Flagship Features

The MC-808 shares two key attributes with its elder sibling, the flagship MC-909: The same top-of-the-line sampling and sequencing features that made the MC-909 so famous are built into the MC-808, making it a serious tool for sampling, editing, track building, and mixing. Performers are in for an extra treat with the MC-808, however, as it has a remarkable feature that no other groovebox has....

Motorized Faders

Motorized faders on an affordable groovebox?! You're not dreaming. The MC-808 is the world's first groovebox with this feature! Sure, the motorized faders look cool, but they also provide serious power for live performers. No matter what pattern you call up, the faders will snap to the proper position. As a result, the parameter values and position of the faders always correspond, allowing you to see the values instantly and make changes directly. No more unexpected jumps in values when you grab a fader in mid-performance. It's always in the right position. Plus, from the fader movements you can see automations such as filter, pan, and part levels changes. If you want to cancel and control the faders manually, simply move the touch-sensitive faders.

New Sounds & Patterns

MC-808's internal sounds and patterns have been created fresh by artists around the world. Make no mistake — these slammin' new dance and hip-hop grooves are instantly ready for primetime. A few “must have” sounds from the MC-909 are also included. But playing and manipulating the internal patterns is only half the fun. The MC-808 allows you to sample any sounds you like, edit them, and add them to your productions. You can even import WAV and AIFF files from your computer into the MC-808 via USB.

Editing Software

Live performance with the MC-808, and fine edits on your computer. The MC-808 ships with an editor software (Mac OS X, Win XP/2000) that lets you perform serious sample editing tasks on the luxury of your large computer monitor. Use the patch editor to tweak sounds and work on the part editor for part mixing to finish up your patterns.



MC-808 Specifications

[Sound Generator Section] ■ **Maximum Polyphony** 128 voices (shared with the sampling section) ■ **Sampling Frequency** 44.1 kHz ■ **Parts** 16 (Main) + 16 (RPS) ■ **Waves** 622 ■ **Patches** User: 1,024 (pre-load: TBA), Card: 256 ■ **Rhythm Set** User: 128 (pre-load: TBA), Card: 128 [Sampling Section] ■ **Data Format** 16-bit linear (File Type WAV/AIFF) ■ **Maximum Polyphony** shared with the sound generator section ■ **Sampling Frequency** 44.1 kHz (fixed) ■ **Maximum Sampling Time** Internal Memory (4 MB) only: mono: 45 sec. approx. (stereo 22.5 sec. approx.), Fully expanded with DIMM (516 MB): mono: 97 min. approx. (stereo 48 min. approx.) ■ **Samples** User: 2,000, Card: 7,000 [Sequencer Section] ■ **Parts** 16 + Tempo/Mute Control ■ **Resolution** 480 ticks per quarter note ■ **Tempo** 5 – 300 ■ **Maximum Note Storage** approx. 1,300,000 notes ■ **Patterns** User: 800, Card: 800 ■ **Recording Mode** Realtime, TR-REC, Step ■ **Songs** 50 ■ **Arpeggio Style** 128 ■ **Chord Memory** 128 ■ **RPS Set** 50 ■ **Pattern Set** 50 [Effects Section] ■ **Reverb** 1 (4 types) ■ **Compressor** 1 (1 type) ■ **Pitch Shifter** (for external input) 1 (1 type) [Mastering Section]

■ **3-bands Compressor** 1 (1 type) [Expansion Slot] ■ **Sampling Memory Expansion** DIMM 1 slot, Number of pins: 188-pin, Speed: 100 MHz (PC100 CL-2), 133 MHz (PC133 CL-3), Voltage: 3.3 V, Capacity: 128 MB, 256 MB, 512 MB, Board height: 38 mm or less ■ **External Memory** Save: Pattern/Patch/Sample, CompactFlash card: 1 slot, Compatible up to 1 GB (3.3 V) [Controllers, Display] ■ **Display** Pattern Number Display: 7 segment 3 character (LED) x 2, BPM Display: 7 segment 4 character (LED) x 1, 20 x 2 character type LCD (with backlight) ■ **Control Knob** OUTPUT Volume: 1, INPUT Volume: 1 ■ **Control Slider** Motorized Fader x 8 (touch sensitive) ■ **Other Controller** D Beam Controller ■ **Connectors** MIX OUTPUT Jack (L (MONO), R), DIRECT 1 OUTPUT Jack (L (MONO), R), INPUT Jack (L (MONO), R), Headphones Jack, MIDI Connectors (IN/OUT), USB Connector (USB MIDI, Mass Storage Class), DC IN ■ **Power Supply** AC 117 V, AC 230 V, AC 240 V ■ **Power Consumption** Approx. 40 W ■ **Accessories** Owner's Manual/Quick Start, Contents List, AC Adaptor (PSB-3U, AC Cord), Card Protector

* The specifications are subject to change without notice.

HPD-10 *HANDSONIC 10*

Roland®

Roland's Revolutionary E-Percussion Family Expands

Roland's flagship HPD-15 HandSonic is a revolutionary instrument. Simply, there is nothing else like it. There wasn't anything like the HandSonic before its debut, and there hasn't been anything like it since. Until now.... From the company that made electronic hand percussion world famous, Roland announces the second member of its HandSonic family: the HPD-10. More affordable and streamlined than its big brother, it offers the same great pad response that made the original HandSonic so popular, but with a specialized set of features and a fresh batch of sounds, rhythms, and effects.

- All-new sounds (approx. 400)
- Style Guide Metronome (new metronome function with backing rhythm patterns)
- 10 individual pads with pressure sensing
- Large icon-driven LCD
- D Beam controller for sound/pitch/effects control
- 20 multi-effects
- Rhythm Coach function



* Actual product appearance may be subject to change.

New Sounds

An all-new collection of sounds has been created for the HPD-10; approx. 400 high-quality instruments are onboard. All of the percussive essentials have been included — congas, bongos, tabla, djembe, cajon, etc. — as well as melodic percussion, drum kit, special effects, and more. No matter the genre, from ethnic to electronic, the HPD-10 has you covered.

Style Guide Metronome

The HPD-10 has a new type of metronome that provides an inspiring selection of rhythm patterns based on a variety of music styles. It helps you not only for practice, but also for sessions as play-along patterns.

Sensitive Surface

Whether you're laying down the most delicate finger rolls or the sharpest slaps, the HPD-10's playing surface can handle anything you give it. The comfortable round surface is divided into ten individual pads with pressure and positional sensitivity. The popular D Beam is also included for dramatic triggering and pitch control. Strike a virtual gong with your head, and control the pitch of a talking drum with your hand waving up/down — you get the picture.

Rhythm Coach

Faunting your chops on the stage or in the studio is the fun part, but behind the scenes it's practice that gets you the gigs in the first place. For this purpose, Roland has equipped the HPD-10 with a Rhythm Coach. This virtual trainer provides exercises to improve your timing and knowledge of rhythms.

I/O Options

The HPD-10 is all about hand percussion, but if you want to get your feet into the action, you can do so by adding a kick trigger (optional) to make an additional sound or by adding a foot/pedal switch (optional) to do the same thing or control the Hi-Hat sound. The input is dual-trigger compatible, so you can double your triggering power from a single input via PCS-31L Y-cable (optional).



HPD-10 Specifications

■ Pad 10 inches, 10 sections, Pressure-Sensitive ■ Instruments 400 ■ Percussion Kits 64 ■ Effect Ambience (5 types), Multi-Effects (20 types) ■ Style Guide Metronome 70 patterns ■ Tempo 40-200 ■ Coach Mode QUIET COUNT, RHYTHM CHECK, TIME CHECK, PAD FOLLOW, AUTO UP/DOWN ■ Controls D beam, Modify knob, Volume knob ■ Display Icon-driven Backlit LCD ■ Connectors Output Jacks (L/MONO, R), Phones Jack (stereo phone type), Mix In Jack (stereo phone type), Trigger Input/Foot Sw Jack (Dual), MIDI Connectors (IN, OUT) ■ Output Impedance 1.0 k Ω ■ Power Supply AC Adaptor (DC 9V) ■ Current Draw 1,000 mA ■ Dimensions 323 (W) x 427 (D) x 75 (H) mm, 12-3/4 (W) x 16-13/16 (D) x 3 (H) inches ■ Weight 2.9 Kg, 6 lbs 7 oz (excluding AC adaptor) ■ Accessories Owner's Manual, AC Adaptor (ACP/PSB-1U Series), Screw (M5 x 12) x 4 (for Mounting Plate) ■ Options Pad Stand (PDS-10), Carrying Bag (CB-HPD-10), Foot Switch (BOSS: FS-5U, FS-6), Pedal Switch (DP-2), Kick Trigger (KD-7, KD-6, etc.), Pad (PD-8, PD-8BK/WT, etc.), Cymbal (CY-8, etc.), Connection Cable (PCS-31L)

* The specifications are subject to change without notice.

PDS-10 Pad Stand

Solid Percussion-Controller Support

Along with the new HPD-10 HandSonic comes a new double-braced support stand. The PDS-10 is the successor to the PDS-15, and features a newly improved angle clamp that provides 200 degrees of tilt. The stand is designed to be used with Roland's HPD- and SPD-series instruments, which include the HPD-15, HPD-10, SPD-20, and SPD-S.

- New angle-adjustment clamp that offers 200 degrees of tilt
- Double-braced tripod, 2-section pipe with height adjustment that enables standing or sitting positions
- More affordable than previous model



* Actual product appearance may be subject to change.

RT-10K/S/T

Acoustic Drum Triggers Roland®

Newly Improved Triggers for Kick, Snare, and Toms

With acoustic-drum triggering more popular now than ever, Roland has responded to requests from the market and created these new-generation triggers: the RT-10K (for kick drums), RT-10S (for snare drums), and RT-10T (for toms). Physically smaller than their predecessors, the new 10-series triggers are easier to position. Best of all, they feature new trigger-sensing technology for improved response.



RT-10K: Kick Trigger

RT-10S: Snare Trigger

RT-10T: Tom Trigger

* Actual product appearance may be subject to change.

- New sensor system and lighter material case to improve the trigger response
- Can be used with mesh heads as well as regular acoustic drumheads
- Works directly with Roland V-Drums TD series, TMC-6, SPD series, and HPD-series

- RT-10S supports separate head/rim dual triggering
- Approximately 10% smaller than previous models
- Kensington security lock-hole for theft-proof merchandizing

Improved Trigger Sensing

Mission number one with this new series was to improve trigger sensing, and that's precisely what Roland accomplished with the RT-10K/S/T. The new sensor system is designed to eliminate false retriggering by offering an adjustable sensor structure (U.S. Patent No. 6,794,569). The reduced size and lighter weight of the triggers are helpful in improving sensitivity.

RT-10K/S/T Specifications

[RT-10K] ■ Trigger 1 (Head) ■ Connector Trigger Output Jack (1/4 inch phone type) ■ Dimensions approx. 40 (W) x 110 (D) x 70 (H) mm, approx. 1-5/8 (W) x 4-3/8 (D) x 2-13/16 (H) inches ■ **Weight** 90 g / 4 oz ■ **Accessories** Owner's Manual, Connection Cable ■ **Guide for installation** Height from rim upper edge to head: 30 to 36 mm / 1-3/16 to 1-7/16 inches, Rim thickness: 13 mm / 9/16 inches

[RT-10S] ■ Trigger 2 (Head, Rim) ■ Connector Trigger Output Jack (Stereo 1/4 inch phone type) ■ Dimensions approx. 40 (W) x 110 (D) x 50 (H) mm, approx. 1-5/8 (W) x 4-3/8 (D) x 2 (H) inches ■ **Weight** 80 g / 3 oz ■ **Accessories** Owner's Manual, Connection Cable ■ **Guide for installation** Height from rim upper edge to head: 11 to 15 mm / 7/16 to 5/8 inches

[RT-10T] ■ Trigger 1 (Head) ■ Connector Trigger Output Jack (1/4 inch phone type) ■ Dimensions approx. 40 (W) x 110 (D) x 50 (H) mm, approx. 1-5/8 (W) x 4-3/8 (D) x 2 (H) inches ■ **Weight** 80 g / 3 oz ■ **Accessories** Owner's Manual, Connection Cable ■ **Guide for installation** Height from rim upper edge to head: 11 to 15 mm / 7/16 to 5/8 inches

* 0 dBu = 0.775 Vrms

* The specifications are subject to change without notice.

MV-8000 Ver. 3.5

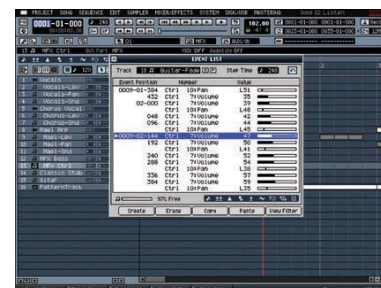
Production Studio

Roland®

The MV Evolution Continues

In a show of commitment to the MV-8000 platform, and in response to top requests from MV users in the field, Roland proudly announces the newest software upgrade for the MV-8000: Version 3.5. This free upgrade adds several important "recorder-like" functions to the MV's feature set. New features are outlined below.

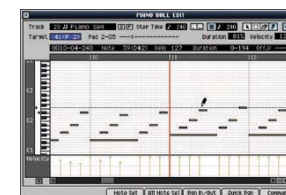
- Audio track and mute automation
- Recordable MFX control-knob movements
- 3-band EQ added to Audio and Instrument parts
- Pencil Tool added to Piano Roll window
- Patch Preview mode added to Import function



Level and pan automation for Audio tracks (Audio track automation)



Basic 3-band EQ for Audio Tracks, Instruments part 1-16.



"Pencil" tool on the VGA PIANO ROLL EDIT window for adding a new MIDI note event.

Commitment to Development

Roland has demonstrated its dedication to the ongoing growth of its products over the years. Most recent examples have included the V-Synth, Fantom-X series workstations, and V-Studios to name a few. New for 2006 — upgrades for the G-70 and MV-8000. Version 3.5 is the fourth OS version for the MV-8000 platform. To recap:

- [Ver. 1] The MV-8000 launch
- [Ver. 2] VGA and mouse support, plus wide file-format compatibility
- [Ver. 3] Pattern-based edit, drum grid, and analog-modeling bass synth
- [Ver. 3.5] Recorder-like functions

MV-8000 Ver. 3.5 Specifications

[Sampler Section] ■ Audio Data Format 16-bit linear ■ **Sampling Frequency** 44.1 kHz (fixed) ■ **Maximum Polyphony** 64 voices ■ **Parts** 16 (Patches) + 10 (Audio Tracks / Audio Phrases) ■ **Wave Memory (RAM)** DIMM: 1 slot (168 pins, PC100 CL = 2 or PC133 CL = 3, 3.3 V, 128 M bytes, 256 M bytes, 512 M bytes), 128 M bytes (standard), Expandable up to 512 M bytes (replacement to 512 M bytes DIMM is required.) ■ **Maximum Sampling Time** - with 128 M bytes DIMM (standard), mono: 24 min. approx. (stereo: 12 min. approx.), - with 512 M bytes DIMM (expanded), mono: 100 min. approx. (stereo: 50 min. approx.) ■ **Effects** Multi-effects (MFX): 1 (25 types), Chorus: 1 (2 types), Reverb: 1 (4 types), Mastering Tool Kit: 1 (only in the Mastering Mode) ■ **[Sequencer Section] ■ Tracks** Song: MIDI tracks (1 MIDI channel per track): 128, Audio tracks: 8, Pattern track: 1, Tempo track: 1, Mute Control Track: 1, Pattern: MIDI tracks (1 MIDI channel per track): 64, Audio track: 1, Mute Control Track: 1 ■ **Resolution** 480 TPQN ■ **Tempo** 5-300 ■ **Note Capacity** approx. 150,000 notes ■ **Song Length** 9,999 measures ■ **Recording Method** Event recording (Realtime/Step), Audio recording (Others) ■ **Project Songs** 16, Patterns: 500, Patches: 16 (per Song), Partials: 96 (16 pads x 6 banks per Patch), Samples: 9,999, Audio Phrases: 512 (16 pads x 32 banks), Patch Libraries: 128, MIDI Clips: 100, Multi-effects (MFX) Libraries: 131 (Preset: 31, User: 100), Chorus Libraries: 52 (Preset: 2, User: 50), Reverb Libraries: 54 (Preset: 4, User: 50), Mastering Tool Kit Libraries: 71 (Preset: 21, User: 50), Still Images (Photos) for Pix Jam Function: 16 ■ **Power Supply** AC 115 V, AC 117 V, AC 230 V, AC 240 V (50/60 Hz) ■ **Power Consumption** 40 W ■ **Dimensions** 480 (W) x 482 (D) x 136 (H) mm, 18-15/16 (W) x 19 (D) x 5-3/8 (H) inches ■ **Weight** 9.8 kg / 21 lbs 10 oz (excluding MV8-OP1, MV8-VGA)

File Format Compatibility

Import		Export	
From CD-ROM, Audio CD	audio WAV/AIFF ACIDized file	To CD-R/RW audio	MV-8000 Project (Backup data)
	From PC/Mac via USB		MV-8000 Sample, Audio Phrase (in WAV/AIFF)
From CD-ROM, Audio CD	AKAI MPC2000 (Program file (PGM), Sound file (SND))	To PC/Mac via USB	MV-8000 Patch (in SMF (format 1))
	From Poppy Disk		MV-8000 Patch (in SMF (format 1))
From CD-ROM, Audio CD	AKAI S1000/3000 (Program, Sample)	From PC/Mac via USB	MV-8000 Patch (in SMF (format 1))
	From Poppy Disk		MV-8000 Patch (in SMF (format 1))
From CD-ROM, Audio CD	MV-8000 Patch (Backup data)	From PC/Mac via USB	MV-8000 Patch (in SMF (format 1))
			MV-8000 Patch (in SMF (format 1))

* The specifications are subject to change without notice.

FR-7b/-5b

V-Accordion

Roland®

Roland's Button-type Accordion

Equipped with a 92-button right-handed keyboard, it offers all of the original V-Accordion's benefits, with several important additions. The Roland FR-7b/5b are the first instruments of their kind to integrate powerful digital technology into a traditional chromatic accordion design, offering performance features and sounds that appeal to a wide range of musicians.



● The perfect combination of the familiar sounds and nuances of a traditional accordion, combined with the advantages of a versatile digital instrument

● Extremely realistic accordion simulations, with 40 programmable set memories. The factory settings already cater to several popular accordion traditions

● PBM ("Physical Behaviour Modelling") sound generation technology

● Orchestral sounds

● Expanded MIDI functionality for truly flexible performance options.

● Portable instrument with on-board digital amplification (only on the FR-7b)

Sound

The FR-7b/5b features a 128-voice polyphonic sound engine, 428 tones in 40 accordion sets (each including 14 Treble registers, 7 Bass registers, 7 Free Bass registers, 7 Orchestral Bass registers, 7 Orchestra Chord registers, 7 Orchestra Free Bass registers and 22 Orchestral Sounds).

PBM ("Physical Behaviour Modelling")

At the heart of the FR-7b/5b is Roland's proprietary PBM technology for breathtaking sounds and amazing modelling possibilities. Physical Behaviour Modelling uses complex algorithms for accurate recreations of every detail of a wide variety of acoustic accordions. All physical behaviour aspects and expressive nuances of an acoustic instrument are faithfully reproduced.

Simulations

The FR-7b/5b is capable of simulating up to 40 different accordions (or to create as many virtual instruments) based on samples of popular traditional acoustic accordions, each with its own "idiosyncratic" tuning. It is possible to switch from an Italian jazz accordion to German folk, French Musette, or a historic Bandoneon sound—without physical modifications to the instrument itself. On top of that, each sound can be played using the same familiar accordion techniques.



Orchestral sounds

The FR-7b/5b incorporates Roland's acclaimed orchestral sounds. 22 orchestral sounds are provided for the treble keyboard, while each bass section (bass, chord, free bass) can trigger its own orchestral sounds.

Flexibility

The V-Accordion faithfully reproduces the familiar sounds and nuances of a traditional accordion, while granting the versatility, flexibility and advantages of a digital musical instrument. You can select and switch between a wide range of sounds and/or accordion types, or create your own unique timbres. Furthermore, both keyboards can be transposed to play within a wide range of keys and octaves.

Unique all-in-one

The FR-7b contains a digital amplification system powered by a rechargeable Ni-MH battery pack, and is thus a self-contained instrument. The battery pack powers a pair of neodymium woofers and tweeters for a consistent, full range low-end to high-end output. The high-resolution bellows pressure sensor provides amazing expressive power not available on conventional digital keyboard instruments.

The FR-5b contains the same features and sounds of the flagship model of the V-Accordion line but without the speakers and amplification system. The rechargeable Ni-MH battery pack is optional, providing a lightweight model for stage performance. The FR-5b is available in red or dark grey.

Expand your performance capabilities

The V-Accordion introduces revolutionary expressiveness for a digital musical instrument. The right- and left-hand keyboards are both velocity-sensitive, while a master bar adds even more creative options (including aftertouch control). The high-resolution bellows pressure sensor provides amazing expressive power, not available on conventional digital keyboard instruments. Utilizing the high/low modes (notes above/below the first key you press play a different sound), you can control up to 4 parts simultaneously in real-time. Also the FR-7b/5b's bass section has been expanded to include control of additional orchestral sounds via the orchestra chord and orchestra free bass sections. Moreover, the FR-7b/5b is MIDI-compatible and can be used to control external modules.

FR-7b/-5b Specifications

■ **Keyboard & Bellows** Right hand: 92 velocity-sensitive buttons. Master Bar with aftertouch control. Left hand: 120 bass buttons with velocity-sensitive. Keyboard modes: Right hand: Solo, Dual, High, Low (for Orchestral Sounds). Left hand: Standard, Free Bass, Orchestral Bass, Orchestral Chord, Orchestral Free Bass, Bellows: Real pneumatic detection by a high resolution pressure sensor ■ **Sounds** Tones (Accordion Sets): 40 User Programmable Accordion sets * Each Set includes: 14 Treble registers, 7 Bass registers, 7 Free Bass registers, 7 Orchestral Bass registers, 7 Orchestra Chord registers, 7 Orchestra Free Bass registers, 22 Orchestral sounds. Treble reed footages: 7, Bass reed footages: 5, Chord reed footages: 3, Free Bass footages: 2, Orchestral sounds: 22 sounds: Trumpet, Trombone, Alto Sax, Tenor Sax, Clarinet, Oboe, Harmonica, Muted Harmonica, Violin, Pizzicato, Flute, Pan Flute, Highland, Zampogna, Jazz Organ, Perc. Organ, Rotary Organ, Trem. Organ, Scat Voice, Mandolin, Acoustic Guitar, Acoustic Piano, Orchestra Bass sounds: 7, Acoustic Bass, Bowed Bass, Fingered Bass, Picked Bass, Fretless Bass, Baritone Tuba, Baritone + Bass, Orchestra Free Bass sounds: Trombone, Clarinet/Oboe, Flute, Perc. Organ, Ac. Guitar, AcPiano, Orchestral Chord: Trombone, Tenor Sax, Clarinet, Trem. Organ, Voice, Ac. Guitar, AcPiano ■ **PBM Physical Behaviour Modelling** Noises: Stopping-reed growl, Closing valve noise, Left button noise, Individual reed simulation: Hysteresis threshold, Expression curve, Pressure-variant filter, Pressure-variant pitch deviation, Switching Reed Sound Wave: By bellows acceleration, By note repetition speed ■ **Musette tuning** Musette microtuning presets: 16: Off (Standard), Dry, Classic, F-Folk, American LH, North Europe, German LH, D-Folk LH, Alpine, Italian LH, French, Scottish ■ **Effects** Reverb: 8 types, Chorus: 8 types, Delay: 8 types, Rotary for Orchestral Organ Sound: Slow/Fast, "Cassotto" and "Sordina" simulations: Yes ■ **Panel controls** Knobs Controls: Volume, Treble/Bass Balance, Reverb, Chorus, Delay, Encoder: Data entry with selection/confirmation switch ■ **Panel switches** Treble registers: 14 + Master + Orchestra, Bass registers: 7, Navigation switches: Up, Down, Menu/Write, Exit/Jump, Other switches: Set Up/Down, Sordina on/off, Power ■ **Others** Display: 48 x 84 dots graphic backlit LCD, Rated Power Output: 2x25 W RMS (only FR-7b), Speakers: 10 cm x 2 speakers (using Neodymium transducer Magnets), Tweeters x 2 (only FR-7b), Onboard sockets: Headphone jack (stereo), Output jacks: L/Mono(Treble), R/Mono(Bass), Multi connector (to FBC-7), Options: Rechargeable Ni-MH battery pack 24V-4500mAh (only FR-5b), V-Accordion Gigbag, FBC-7 Gigbag, Colors: Dark Grey, Red, Supplied accessories: FBC-7 (power supply/battery charger): 5 programmable foot switches: Set Up/Down, Register Up/Down, Sustain, Multi connector (towards accordion), Expression pedal jack, MIDI IN/OUT/THRU sockets, Output jacks (L/Mono, R), AC Inlet, Owner's Manual, straps, accordion cloth, treble reference caps, bass reference caps, power cable, 19-pin multicore cable ■ **Dimensions** 506 (W) x 270 (D) x 405 (H) mm, 19-15/16 (W) x 10-11/16 (D) x 16 (H) inches ■ **Weight** FR-5b: 9.5 kg, 21 lbs (without the straps and optional battery), FR-7b: 11.7kg 25 lbs 13oz (with the battery, without Straps)

* The specifications are subject to change without notice.

FR-3s/-3

V-Accordion

Roland®

Compact is Beautiful!

Even the junior members of the V-Accordion family, the FR-3s and FR-3, provide all the features of a traditional accordion—and a lot more! Lightweight and portable, the FR-3s and FR-3 will be appreciated by budding accordion players and experienced entertainers alike for their portability and flexibility!



- 37-key piano-type treble keyboard/120 bass buttons
- 7 new Orchestral Chord/Orchestral Free Bass registers with completely new sounds
- Onboard MIDI socket
- Supplied with an adapter and a battery compartment (for optional AA-type batteries)
- Bellows resistance regulator

Realistic accordion simulation

The FR-3s/3 can simulate up to 10 different accordions, each including 10 Treble registers, 7 Bass/Chord registers, and 7 Free Bass registers (Free Bass and Bass/Chord are mutually exclusive). For these high-quality sounds, Roland sampled traditional acoustic accordions to provide an instrument that can emulate various accordion types, complete with their specific tuning characteristics. And although it is an electronic instrument, the FR-3s/3 faithfully responds to bellows movements and pressure for authentic expressiveness. Stronger inward and outward movements create a richer, fuller sound, while lighter movements make the sound softer and quieter. There's even a unique bellows resistance regulator that can be set to match the player's strength or preference. Increasing or decreasing the bellows resistance is a matter of selecting one of four positions using a conveniently located wheel.

Educational functions

The FR-3s/3 is ideal for students. And not just because it is the "smallest" accordion in the world to provide a Free Bass mode, but also because it boasts an adjustable metronome. Thanks to the instrument's MIDI functionality, students can even record their performance on their computer. Practising has never been easier or more efficient!

Orchestral sounds

The V-Accordion includes 10 orchestral sounds (including Trombone, Trumpet, Sax, Clarinet, Flute, Violin, etc.) that can be used together with the traditional accordion sounds in one of four selectable modes.

LED display and "interactive" Roland logo

The FR-3s/3 comes with a 3x7-segment LED for monitoring the current sound selections and setting a host of parameters. The illuminated Roland logo is interactive in that it changes color depending on the accordion Set and section (accordion or orchestra) you select. You can even choose your favorite color (from among 26 options), which may prove invaluable when you play in an accordion ensemble with several FR-3s/3 users.



Ins and Outs

The FR-3s/3 can be connected to various external devices (sequencer, arranger keyboards, etc.) using the onboard MIDI socket. Combined with a wireless system you connect to the external outputs, the FR-3s/3 can be used on the biggest stages while granting its player absolute freedom of movement. Both the FR-3s and the FR-3 also provide a headphone socket, while the FR-3s comes with a set of professional-quality neodymium speakers (hence the "s" in "FR-3s").



- The FR-3s/3 has a compartment for optional AA-type batteries (either one-way or rechargeable).
- The FR-3s is provided with an onboard digital amplifier and two speakers. The FR-3 doesn't have speakers and is therefore the lightest member of the V-Accordion family (but just as flexible as the FR-3).



FR-3s/-3 Specifications

■ **Keyboard** Right hand: Piano-type, 37 keys, velocity sensitive, Left hand: 120 bass buttons with velocity, Standard, Free Bass, Orchestral Bass, Orchestral Chord, Orchestral Free Bass ■ **Bellows** Real pneumatic detection of bellows pressure, high-resolution pressure sensor, bellows resistance regulator ■ **Sound source** Max polyphony: 64 voices, Wave ROM: 32 Mbytes Wave ROM ■ **Tones** 10 Accordion Sets, each one including: 12 Treble registers, 7 Bass registers, 7 Free Bass registers, 7 Orchestral Free Bass registers, 7 Orchestral Bass registers, 7 Orchestral Chord registers, 10 Orchestral sounds, Treble reed footages: 4, Bass reed footages: 5, Chord reed footages: 3, Free Bass footages: 2 ■ **PBM (Physical Behaviour Modeling)** Noises: Stopping-reed growl, Closing valve noise, Left button noise, Individual reed simulation, Hysteresis threshold, Expression curve, Pressure variant filter, Pressure variant pitch deviation, Reed waveform switching, By bellows acceleration, By note repetition speed ■ **Musette tuning** Micro tuning presets: 16: Off, Dry, Classic, F-Folk, American L/H, North Europe, German L/H, D-Folk L/H, Alpine, Italian L/H, French, Scottish ■ **Effects** Reverb: 8 types, Chorus:

8 types, "Cassotto" and "Sordina" simulation: Yes ■ **Panel controls** Knob controls: Volume, Treble/Bass balance, Reverb, Chorus ■ **Panel Switches** Treble Registers: 10 + Orchestra + Set, Bass Registers: 7, Metronome: On, Off, Other switches: Sordina Mellow/Bright, Power ■ **Operation Modes** Orchestra Mode: Solo, Dual, High, Low, Octave: Down, 0, Up for Treble and Orchestra ■ **Speakers (Only FR-3s)** 2 x 10cm speakers ■ **Other** Onboard connectors: Headphones Jack (Stereo), Output Jack: L/Mono(Treble), R/Mono(Bass), MIDI connector OUT/IN switchable, Power supply: External AC adapter (100V-240V universal), Battery (optional): AA type battery ■ **Dimensions** 483 (W) x 258.4 (D) x 428.13 (H) mm, 19-1/16 (W) x 10-3/16 (D) x 16-7/8 (H) inches ■ **Weight** FR-3: 7.1 kg, 15 lbs 11 oz (without straps and without optional battery), FR-3s: 8.1 kg, 17 lbs 14 oz (without straps and without optional battery) ■ **Supplied accessories** External AC adapter, Owner's manual, Accordion cloth, Straps, Bass reference caps

* The specifications are subject to change without notice.

BR-600

Digital Recorder



The Ultimate Notebook Studio

BOSS has a long, celebrated history as the world's premier compact-effects manufacturer, but now the BOSS brand has become synonymous with portable digital recording as well. The latest arrival in the BOSS recording line, the BR-600, is bound to raise BOSS's recording profile even higher. Meet the most physically streamlined, feature-rich eight-track studio on the market.

COSM

USB

CompactFlash



- 8 simultaneous playback tracks, 64 V-Tracks
- CompactFlash memory card slot for storing recording media; 128MB card included
- Built-in FX processor, including pitch corrector and COSM amp models
- Built-in drum-machine with velocity-sensitive pads
- Built-in stereo mic and battery power to record anywhere
- USB for data transfer/computer connectivity
- Portable and ultra slim: 257 x 182 x 23mm
- Carrying case and XLR-to-1/4" mic cable included

8 Tracks & Beyond

The BR-600 provides eight simultaneous playback tracks, but there's more to this recorder than meets the eye. Each of the eight tracks also contains eight V-Tracks (virtual tracks), which gives you quick access to 64 tracks of recorded material. Record dozens of takes, then choose your favorites for mixdown.

BOSS FX

Sweeten your tracks with the powerful effects built into the BR-600. Derived from BOSS high-end recorders, these quality algorithms can give even the dullest tracks maximum impact. Fix mistakes and master your mixes. Included in the effects suite: COSM® guitar and bass amp models plus chorus, delay, reverb, and EQ for every channel. Pitch correction is provided as well.

Drum Machine Onboard

Need drums? The BR-600 has a drum machine built in. Assemble your perfect backing track from nearly 300 high-quality drum and percussion patterns built in, or program your own from the velocity-sensitive pads. Rock, pop, blues, country, R&B, Latin, and more — choose your style and you're instantly groovin'.

Field Recording

Wherever you go, the ultra-portable BR-600 is ready to record. It can operate on six AA batteries, for starters, so you don't have to sweat the AC connection. Best of all, a quality stereo microphone is built in, so you can point and capture audio on the spot, quickly and easily. Whether you're recording band rehearsals, capturing ambient sounds, or you name it, the BR-600 is all you need to get the job done with zero hassle.

CompactFlash

The BR-600 records its CD-quality digital audio direct to Compact Flash, the international standard for reliable, portable storage. A removable 128MB CF card is included, which provides approximately 65 minutes of recording time (one mono track). You can easily expand your recording time by purchasing optional CF cards.



BR-600 Specifications

■ **Tracks** Track: 8, V-Track: 64 (8 V-Tracks per each Track). Up to 21600 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously. ■ **Useful Capacity** CompactFlash: 32 M-1 G bytes ■ **Data Type** HIFI (MT2), STANDARD (LV1), LONG (LV2) ■ **Sample Rate** 44.1 kHz ■ **Frequency Response** 20 Hz to 20 kHz (+1/-3 dBu) ■ **Nominal Input Level (Variable)** GUITAR/BASS jack: -20 dBu, MIC (TRS balanced/XLR) jack: -40 dBu, LINE IN jack: -10 dBu ■ **Input Impedance** GUITAR/BASS jack: 1 M Ω , MIC 1/2 jack: 2 k Ω (HOT-COLD), (TRS balanced/XLR), 1.0 k Ω (HOT-GND, COLD-GND), LINE IN jack: 30 k Ω ■ **Nominal Output Level** LINE OUT jack: -10 dBu ■ **Output Impedance** LINE OUT jack: 2 k Ω , Headphone jack: 140 Ω ■ **Recommended Load Impedance** LINE OUT jack: 20 k Ω or greater, Headphone jack: 32-100 Ω ■ **Residual Noise Level** LINE OUT jack: -85 dBu or less (INPUT SELECT: GUITAR/BASS/MIC2, input terminated with 1 k Ω , 1 GB 520 min. 624 min. 784 min.

INPUT SENS: CENTER, IHF-A, typ., EFFECT OFF) ■ **Interface** USB Connector ■ **Display** 16 Characters x 2 Lines + Approx. 100 icons (Backlit LCD) ■ **Connectors** GUITAR/BASS jack (1/4 inch phone type), MIC 1 jack (TRS balanced 1/4 inch phone type), MIC 2 jack (TRS balanced 1/4 inch phone type), LINE IN jack (RCA Phono type), LINE OUT jack (RCA Phono type), FOOT SW/EXP PEDAL jack (1/4 inch phone type), PHONES jack (Stereo 1/4 inch phone type), USB connector ■ **Power Supply** DC 9 V, Supply AC Adaptor (PSA series) Size AA Dry battery x 6 ■ **Current Draw** 200 mA, Alkaline dry cell batteries, Approximately 5 hours (with continuous playback of 8 tracks). May vary according to usage conditions, batteries used, and type of CompactFlash used. ■ **Dimensions** 257 (W) x 183.0 (D) x 27.1 (H) mm, 10-1/8 (W) x 7-1/4 (D) x 1-1/8 (H) inches ■ **Weight** 700 g / 1 lb 9 oz (excluding batteries) ■ **Accessories** Soft Case, Size AA alkaline dry cell batteries (6), TRS-XLR converter cable, Demo Card (Already inserted when the BR-600 is shipped), Owner's Manual, Separate sheet ("About Memory Cards" etc.), Roland Service (information sheet) ■ **Options** AC Adaptor: PSA series, Foot Switch: FS-5U, Pedal Switch: DP-2 (Roland), Expression Pedal: EV-5 (Roland), FV-300L/FV-500L/FV-500H

* 0 dBu= 0.775 Vrms

* The specifications are subject to change without notice.

RC-50

Loop Station



BOSS®

The Ultimate Looper Has Arrived

For those awaiting the arrival of a new industry-leading looper, the wait is finally over. Introducing the RC-50 — the most feature-laden Loop Station BOSS has ever built. It's the best live looping tool ever built for that matter. Housed in a spacious seven-footswitch floor unit, the RC-50 lets you manipulate three stereo phrase tracks simultaneously, with each track supporting multiple overdubs. In other words, you can record phrase upon phrase, one by one, on each track, resulting in a monstrous stack!

USB



- The new industry-leading looping tool for live performance!
- 7 footswitches for intuitive control; realtime control of playback speed
- Play up to 3 stereo phrase tracks simultaneously, all synced to an internal or MIDI clock
- Ultra-long recording time (up to 49 min., mono), 99 patches (3 master loops per patch)
- Undo/Redo function for recording and overdubbing
- Center-cancellation feature, "flat" amplifier simulation feature
- Stereo input, dual stereo output, XLR phantom-powered mic input, stereo mini-jack Aux input (for recording from an MP3 players, etc.)
- USB port for data/audio backup, import/export of loops as WAV files

Loop, Layer, Rock!

Ready to blow your audience away? With a single RC-50, a guitarist, bassist, keyboardist, or vocalist can create a perfectly synced wall of sound live onstage. There are three simultaneous stereo phrase tracks on the RC-50, each with a dedicated footswitch. Each track can contain dozens of loops/phrases that you stack one by one, so you can imagine how massive your arrangements or solos can become!

In Sync

Whether used as a master or slave, the RC-50 can be connected and synced to a MIDI network. For bands that incorporate digital audio tracks, sequences, and/or video elements into their live gigs, sync is not a luxury — it's a necessity. For scenarios such as these, the RC-50 can be locked to a master sequencer or clock source, ensuring that your loop performances are absolutely locked. Internally, the RC-50 offers Loop Quantize for easy loop recording, Loop Sync (which enables all phrases to start in sync), and Tempo Sync (which matches the tempo of multiple phrases during playback).

Rhythm Guide

To make recording as fun and inspiring as possible, the RC-50 provides a total of 379 play-along Rhythm Guide Patterns in a wide variety of time signatures. Why record to a stale click track when you can jam with rockin' grooves instead?

Impressive I/O

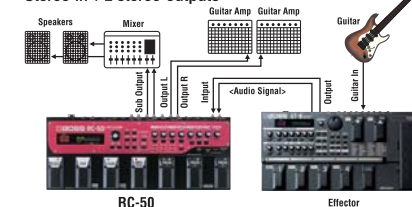
The RC-50's rear panel is well stocked with connectors, offering a true stereo input and output path, but that's only the beginning. There are four ways to get audio into the RC-50: 1/4" Inst input (L, R/mono), XLR input with 48V phantom power (great for vocal mics), mini-jack aux input, and USB for importing WAV files from computers. Audio can be output via 1/4" main stereo outs (L, R/mono), plus 1/4" sub stereo outs (L, R/mono), headphone out, and USB for data/audio backup. MIDI in and out jacks are provided. Two 1/4" TRS inputs are also provided to accommodate an optional Expression pedal and footswitches; up to four footswitches can be used simultaneously.

Bonus Features

The RC-50 has plenty of other noteworthy features on offer, for example: Phrases can be played forward or backward. Phrases can be retrigged in "free time" or on a time-aligned grid. Errors can be corrected on the fly with the Undo/Redo switch.

■ Connection Example

Stereo-in + 2 stereo-outputs



RC-50 Specifications

■ AD Conversion 24 bit ■ DA Conversion 24 bit ■ Sampling Frequency 44.1 kHz ■ Program Memories 99 ■ Nominal Input Level INST: -10 dBu, MIC: -50 dBu, AUX: -10 dBu ■ Input Impedance INST: 1 M Ω , MIC: 1 k Ω , AUX: 100 k Ω ■ Nominal Output Level MAIN OUTPUT: -10 dBu, SUB OUTPUT: -10 dBu ■ Output Impedance MAIN OUTPUT: 2 k Ω , SUB OUTPUT: 2 k Ω , PHONES: 47 Ω ■ Available Recording Time STEREO: Approx. 24 minutes, MONO: Approx. 49 minutes * The times listed above take into account the amount of memory needed for the actual recording combined with the memory required for the RC-50's operations (e.g., Undo/Redo). ■ Control Front Panel: REC/PLAY/OVERDUB pedal, STOP pedal, TEMPO pedal, UNDO/REDO pedal, PHRASE 1 pedal, PHRASE 2 pedal, PHRASE 3 pedal, PATCH/VALUE dial, PARAMETER buttons (< >), TAP TEMPO button, NAME/PATCH button, CTL/EXP PEDAL button, SYSTEM/USB button, EXIT button, WRITE button, PLAY MODE button, LOOP SYNC button, AUTO REC button, INPUT MODE button, OVERDUB MODE button, LOOP QUANTIZE indicator, OVERDUB MODE indicators, (OVERDUB, REPLACE, MOMENTARY PUNCH-IN), PHRASE EDIT: PHRASE LEVEL knobs (PHRASE 1, 2, 3), PHRASE buttons (PHRASE 1, 2, 3), REVERSE indicators (PHRASE 1, 2, 3), ONE SHOT indicators (PHRASE 1, 2, 3), GUIDE: LEVEL knob, SELECT button, START/STOP button, INPUT LEVEL:

AUX knob, MIC knob, INST knob, PEAK indicator, MASTER: LEVEL knob ■ Rear Panel PHANTOM switch, POWER switch ■ Display 16 characters, 2 lines (backlit LCD), 2 characters, 7 segment LED ■ Connectors INST jacks R (MONO) (1/4 inch phone type), MIC connector (XLR type; supports use of phantom power), AUX jack (Stereo miniature phone type), MAIN OUTPUT jacks R (MONO) (1/4 inch phone type), PHONES jack (Stereo 1/4 inch phone type), SUB OUTPUT jacks R (MONO) (1/4 inch phone type), EXP/CTL 3, 4 PEDAL jack (TRS 1/4 inch phone type), CTL 1, 2 PEDAL jack (TRS 1/4 inch phone type), USB connector, MIDI connectors (IN/OUT), DC IN (AC adaptor) jack ■ Power Supply DC 9 V: Supply AC adaptor (Roland ACI or ACB series) ■ Current Draw 450 mA ■ Dimensions 472 (W) x 198 (D) x 64 (H) mm, 18-5/8 (W) x 7-13/16 (D) x 2-9/16 (H) inches ■ Weight 2.9 kg/ 6 lbs 7 oz (excluding AC adaptor) ■ Accessories AC adaptor (Roland ACI or ACB series), USB cable, Owner's Manual, Roland Service (information sheet), Sound Library for RC-50 (Sample Phrase CD) ■ Options Foot Switch: FS-5U, Dual Foot Switch: FS-6, Expression Pedal: EV-5 (Roland), EV-50U/LH (Roland), Foot Switch Cable: PCS-31 (Roland), (Stereo 1/4 inch phone plug-1/4 inch phone plug x 2)

* 0 dBu= 0.775 Vrms
* The specifications are subject to change without notice.

AC-3

Acoustic Simulator



Advanced Electric-To-Acoustic Guitar Modeling

How many times have you been onstage or in the studio with your electric guitar, and wished that you'd brought an acoustic along? For musicians who travel light, hauling an extra guitar to the gig isn't always the most attractive option. BOSS AC-3 to the rescue! This new-generation compact pedal employs COSM® modeling technology to transform any electric guitar into a variety of beautiful acoustic guitars.

COSM



- BOSS's most advanced acoustic-guitar modeling in a compact pedal
- Four simulation modes: Standard, Jumbo, Enhanced, and Piezo-equipped
- Top and Body knobs for fine-tuning the virtual-body resonance
- Built-in reverb, optimized for acoustic-guitar simulation

Advanced Modeling

BOSS's COSM Acoustic-Modeling technology is beautifully showcased in this small but powerful pedal, which simulates an acoustic guitar much more precisely and realistically than previous technology allowed. Derived from BOSS top-of-the-line AD-8, the AC-3 simulates the sound of an acoustic guitar with incredible precision. Four simulation modes are provided: Standard, Jumbo, Enhanced, and Piezo-equipped; the latter supplies that famous "cut through the mix" direct piezo sound. Previous compact acoustic-guitar modeling-pedals were promising, but now the bar has been raised with AC-3.

Fine Control

Top and Body controls are provided, which allow you to shape the characteristics of the four acoustic models. Create the perfect acoustic-guitar sound quickly and easily with simple knob twists.

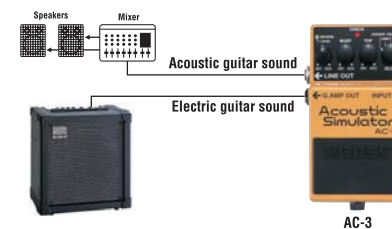
Reverb Included

Add depth and sweetness to the sound with the AC-3's built in digital reverb. It's like getting two pedals in one!

Versatile Output Paths

Two sets of outputs are provided, allowing you to connect the AC-3 to a standard guitar amp and to a direct input device such as a PA, recorder, or an acoustic-guitar amp configuration such as a Roland AC-60.

Connection Example



AC-3

AC-3 Specifications

■ Nominal Input Level -20 dBu ■ Input Impedance 1 MΩ ■ Nominal Output Level -20 dBu ■ Output Impedance 1 kΩ ■ Recommended Load Impedance 10 kΩ or greater ■ Controls Pedal Switch, MODE Switch, BODY Knob, TOP Knob, LEVEL Knob, REVERB Knob ■ Indicator CHECK Indicator (Serves also as battery check indicator) ■ Connectors INPUT Jack, G. OUT Jack, LINE OUT Jack, AC Adaptor Jack (DC 9 V)

■ Power Supply DC 9 V: Dry Battery (6F22/9 V), AC Adaptor (PSA Series: Optional) ■ Dimensions 70 (W) x 125 (D) x 55 (H) mm, 2-13/16 (W) x 4-15/16 (D) x 2-3/16 (H) inches ■ Weight 440 g / 1 lb (including battery) ■ Accessories Owner's Manual, Dry Battery, 6F22/9 V (Carbon), Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information") ■ Options AC Adaptor PSA-Series

* The specifications are subject to change without notice.

MEMO